

(FILE 'HOME' ENTERED AT 11:33:18 ON 22 AUG 2003)

FILE 'CAPLUS' ENTERED AT 11:33:30 ON 22 AUG 2003

L1 1 S US20020159961/PN

FILE 'REGISTRY' ENTERED AT 11:34:36 ON 22 AUG 2003

FILE 'CAPLUS' ENTERED AT 11:34:53 ON 22 AUG 2003

SELECT L1 1 RN

FILE 'REGISTRY' ENTERED AT 11:35:08 ON 22 AUG 2003

L2 1 S E1

L3 1 S E2

L4 1 S E3

L5 1 S E4

L6 1 S E5

L7 1 S E6

L8 1 S E7

L9 1 S E8

L10 1 S E9

L11 1 S E10

L12 1 S E11

L13 1 S E12

L14 0 S STEARYL ACID/CN

L15 0 S LAUROYL ACID/CN

L16 0 S LAUROYL/CN

L17 1 S LAURIC ACID/CN

L18 1 S STEARIC ACID/CN

=> save all

ENTER NAME OR (END):L10073226/L

L# LIST L1-L18 HAS BEEN SAVED AS 'L10073226/L'

=>

L18 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 57-11-4 REGISTRY

CN Octadecanoic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Stearic acid (8CI)

OTHER NAMES:

CN 1-Heptadecanecarboxylic acid

CN 17FA

CN 400JB9103-88

CN A 1760

CN Adeka Fatty Acid SA 910

CN Barolub FTA

CN Century 1210

CN Century 1220

CN Century 1230

CN Century 1240

CN Edenor C 18/98

CN Edenor HT-JG 60

CN Edenor ST 1

CN Edenor ST 20

CN Emersol 120

CN Emersol 153NF

CN Emersol 6349

CN F 3

CN F 3 (lubricant)

CN FA 1655

CN G 270

CN Humko Industrene R

CN Hydrofol Acid 150

CN Hydrofol Acid 1895

CN Hystrene 80

CN Hystrene 9718

CN Hystrene 9718NF

CN Hystrene 9718NFFG

CN Hystrene S 97

CN Hystrene T 70

CN Industrene 8718

CN Industrene 9018

CN Industrene R

CN Kam 1000

CN Kam 2000

CN Kam 3000

CN Kortacid 1895

CN Loxiol G 20

CN Lunac 30

CN Lunac S 20

CN Lunac S 30

CN Lunac S 40

CN Lunac S 50

CN Lunac S 90

CN Lunac S 90KC

CN Lunac S 98

CN Lunac YA

CN n-Octadecanoic acid

CN NAA 173

CN NAA 175

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

FS 3D CONCORD

DR 8013-28-3, 8023-06-1, 8037-40-9, 8037-83-0, 8039-51-8, 8039-52-9,
8039-53-0, 8039-54-1, 58392-66-8, 134503-33-6, 82497-27-6, 39390-61-9,
197923-10-7, 294203-07-9

MF C18 H36 O2

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VETU, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

HO₂C-(CH₂)₁₆-Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

40869 REFERENCES IN FILE CA (1937 TO DATE)

2695 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

40947 REFERENCES IN FILE CAPLUS (1937 TO DATE)

19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L17 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 143-07-7 REGISTRY
 CN Dodecanoic acid (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Lauric acid (8CI)
 OTHER NAMES:
 CN 1-Undecanecarboxylic acid
 CN ABL
 CN Aliphatic No. 4
 CN Dodecylic acid
 CN Edenor C 1298-100
 CN Emery 651
 CN Hystrene 9512
 CN Kortacid 1299
 CN Laurostearic acid
 CN Lunac L 70
 CN Lunac L 98
 CN n-Dodecanoic acid
 CN NAA 122
 CN NAA 312
 CN Neo-Fat 12
 CN Neo-Fat 12-43
 CN NSC 5026
 CN Philacid 1200
 CN Prifac 2920
 CN Univol U 314
 CN Vulvic acid
 FS 3D CONCORD
 DR 7632-48-6, 8000-62-2, 8045-27-0, 203714-07-2
 MF C12 H24 O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, DDFU, DETHERM*,
 DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,
 GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*,
 MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO,
 SYNTHLINE, TOXCENTER, TULSA, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

HO₂C-(CH₂)₁₀-Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14292 REFERENCES IN FILE CA (1937 TO DATE)
 1090 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 14325 REFERENCES IN FILE CAPLUS (1937 TO DATE)
 11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s stearic acid/cn
 L18 1 STEARIC ACID/CN

=> d

L5 ANSWER 30 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN

IT 55258-23-6 63663-21-8 85818-48-0

RL: USES (Uses)

(stabilizers, for water-in-oil emulsion inks)

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI	JP 57202360	A2	19821211	JP 1981-86761	19810608
	JP 01028785	B4	19890605		

L5 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN
IT 74-85-1D, Ethylene, polymer with .alpha.-olefin 123-31-9, Hydroquinone,
uses and miscellaneous 3290-92-4, Trimethylolpropane trimethacrylate
9003-31-0, Polyisoprene 10595-06-9 24650-42-8 25687-04-1
26160-98-5 32647-67-9, Dibenzylidenesorbitol 63663-21-8,
N-Lauroyl-L-glutamic acid .alpha.,.gamma.-di-n-butylamide 105729-79-1,
Isoprene-styrene block copolymer 106107-54-4, Butadiene-styrene block
copolymer

RL: **USES (Uses)**

(flexog. printing plates with good formability contg.)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63208035	A2	19880829	JP 1987-40153	19870225
	EP 312624	A1	19890426	EP 1987-115278	19871019
	EP 312624	B1	19930721		

R: DE, FR, GB, IT

L5 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN

IT 63663-21-8

RL: USES (Uses)

(binder, with org. solvent, for molding ceramics)

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 04074758	A2	19920310	JP 1990-186804	19900713
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L5 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN
IT 63663-21-8, N-Lauroyl-L-glutamic acid-.alpha...gamma.-di-n-
butylamide

RL: **USES (Uses)**

(solder pastes flux contg., for printed circuit boards)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 05169294	A2	19930709	JP 1991-354387	19911220
	JP 3158258	B2	20010423		

L5 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN

IT 63663-21-8, N-Lauroyl-L-glutamic acid-.alpha.,.gamma.-dibutylamide
152104-30-8

RL: USES (Uses)

(emulsion inks contg., for stencil printing with anticlogging and
smudge prevention)

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI JP 04372671	A2	19921225	JP 1991-177390	19910621

L5 ANSWER 20 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN
IT 64-17-5, Ethanol, uses 64-19-7, Acetic acid, uses 106-14-9,
12-Hydroxystearic acid 63663-21-8, N-Lauroyl-L-glutamic
acid-.alpha.-.gamma.-di-n-butylamide

RL: **USES (Uses)**

(for solidification of liq. electrophotog. developers)

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI JP 05313500	A2	19931126	JP 1992-139786	19920503

L5 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN
IT 63663-21-8, N-Lauroyl-L-glutamic acid .alpha.,.gamma.-dibutylamide
RL: MOA (Modifier or additive use); **USES (Uses)**
(silicone rubber compns. contg. oil absorbents with good antistatic
properties)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 08170018	A2	19960702	JP 1994-334328	19941216
	JP 3153088	B2	20010403		

L5 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN
 IT 106-14-9, 12-Hydroxystearic acid 9002-92-0, Polyethylene glycol
 monododecyl ether 24938-91-8, Polyethylene glycol monotridecyl ether
 27306-79-2, Polyethylene glycol monotetradecyl ether 34398-05-5,
 Polyethylene glycol monopentadecyl ether 53467-82-6, Polyethylene glycol
 methyl ether stearate 63663-21-8, Coagulan GP 1 106107-54-4,
 Butadiene-styrene block copolymer 173080-54-1, KF 21
 RL: TEM (Technical or engineered material use); **USES (Uses)**
 (granular nonionic detergent compns.)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 09087698	A2	19970331	JP 1995-249197	19950927
	JP 2936093	B2	19990823		

L5 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN
IT 63663-21-8, N-Lauroyl-L-glutamic acid-.alpha..gamma.-di-n-
butylamide
RL: PRP (Properties); TEM (Technical or engineered material use);
USES (Uses)

(GP 1; counterflow prevention ball pen ink)

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI JP 09208875	A2	19970812	JP 1996-35371	19960130

CAPLUS COPYRIGHT 2003 ACS on STN

IT 63663-21-8 76020-70-7 166527-49-7 287482-81-9

RL: MOA (Modifier or additive use); **USES (Uses)**

(petroleum solvent-based water-repellent transparent solid polishes for automobiles)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 2000219849	A2	20000808	JP 1999-63763	19990202

L6 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1983:217370 CAPLUS
 DN 98:217370
 TI Water-in-oil emulsion inks
 PA Sakura Color Products Corp., Japan; Ajinomoto Co., Inc.
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 IC C09D011-02
 CC 42-12 (Coatings, Inks, and Related Products)
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57202360	A2	19821211	JP 1981-86761	19810608
	JP 01028785	B4	19890605		
PRAI	JP 1981-86761		19810608		

AB Water-in-oil emulsion inks having good storage stability contain amides, esters, and amine salts of amino acids. Thus, a compn. of a paraffin oil 3.4, isopropoxytristearatotitanium 0.3, and TiO2 11.4 parts was rolled, mixed with 6.5 parts Nonion OP 80R and a soln. of 0.4 part N-lauroyl glutamic acid dibutylamide [63663-21-8] in 12.3 parts paraffin oil, heated to 110.degree., and stirred with a mixt. of ethylene glycol 9, a preservative 0.3, and H2O 56.4 parts at 97.degree. to give an ink with stability at 50.degree. .gtoreq.2 mo.

ST water in oil emulsion ink; glutamamide deriv emulsion stabilizer

IT Stabilizing agents

(acylamino acid derivs., for water-in-oil emulsion inks)

IT Inks

(emulsion, water-in-oil, stabilizers for, acylamino acid derivs. as)

IT 55258-23-6 63663-21-8 85818-48-0

RL: **USES (Uses)**

(stabilizers, for water-in-oil emulsion inks)

=>

=> select
ENTER ANSWER SET OR SMARTSELECT L# OR (L1):11
ENTER ANSWER NUMBER OR RANGE (1-):1
ENTER DISPLAY CODE (TI) OR ?:rn
E1 THROUGH E12 ASSIGNED

=> d sel

E1	1	109-73-9/BI
E2	1	111-64-8/BI
E3	1	16177-21-2/BI
E4	1	486455-65-6/BI
E5	1	486455-66-7/BI
E6	1	486455-67-8/BI
E7	1	486455-68-9/BI
E8	1	486455-69-0/BI
E9	1	486455-70-3/BI
E10	1	486455-71-4/BI
E11	1	63663-21-8/BI
E12	1	760-67-8/BI

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 109-73-9 REGISTRY

CN 1-Butanamine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Butylamine (8CI)

OTHER NAMES:

CN 1-Aminobutane

CN 1-Butylamine

CN Mono-n-butylamine

CN Monobutylamine

CN n-Butylamine

CN Norvalamine

CN NSC 8029

FS 3D CONCORD

DR 50929-03-8, 85404-21-3, 42939-72-0

MF C4 H11 N

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CCCCN

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

12851 REFERENCES IN FILE CA (1937 TO DATE)

700 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

12875 REFERENCES IN FILE CAPLUS (1937 TO DATE)

5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 111-64-8 REGISTRY
CN Octanoyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-Octanoic acid chloride
CN Caprylic acid chloride
CN Capryloyl chloride
CN Caprylyl chloride
CN n-Octanoyl chloride
CN Octanoic acid chloride
CN Octanoic chloride

FS 3D CONCORD

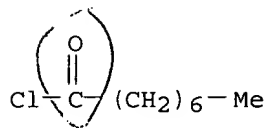
MF C8 H15 Cl O

CI COM

LC STN Files: AGRICOLA, AQUIRE, BEILSTEIN*, BIOBUSINESS, CA, CAOLD, CAPLUS,
CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM,
DETERM*, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, PDLCOM*,
RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



~~**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**~~

~~1261 REFERENCES IN FILE CA (1937 TO DATE)
43 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1263 REFERENCES IN FILE CAPLUS (1937 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)~~

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1261 REFERENCES IN FILE CA (1937 TO DATE)
43 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1263 REFERENCES IN FILE CAPLUS (1937 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

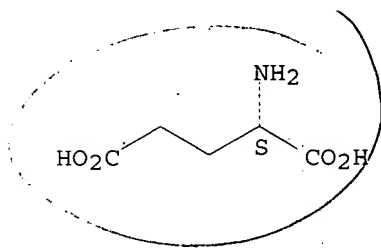
=> s e3

L4 1 16177-21-2/BI

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 16177-21-2 REGISTRY
CN L-Glutamic acid, sodium salt (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Glutamic acid, sodium salt, L- (8CI)
OTHER NAMES:
CN Glutamic acid sodium salt
CN L-Glutamate sodium
CN L-Sodium glutamate
CN Sodium glutamate
CN Sodium L-glutamate
FS STEREOSEARCH
MF C5 H9 N O4 . x Na
CI COM
LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, EMBASE, GMELIN*, IFICDB,
IFIPAT, IFIUDB, PDLCOM*, PROMT, TOXCENTER, TULSA, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (56-86-0)

Absolute stereochemistry.

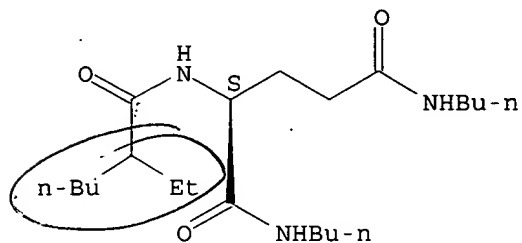


● x Na

742 REFERENCES IN FILE CA (1937 TO DATE)
59 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
745 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 486455-65-6 REGISTRY
CN Pentanediamide, N,N'-dibutyl-2-[(2-ethyl-1-oxohexyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
MF C21 H41 N3 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

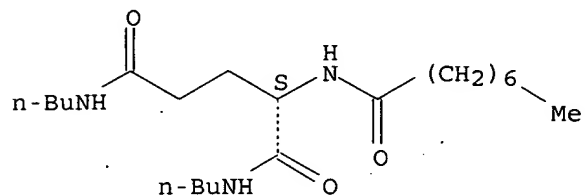


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 486455-66-7 REGISTRY
CN Pentanediamide, N,N'-dibutyl-2-[(1-oxooctyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C21 H41 N3 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

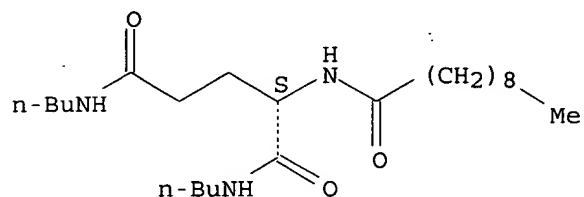


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 486455-67-8 REGISTRY
CN Pentanediamide, N,N'-dibutyl-2-[(1-oxodecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C23 H45 N3 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

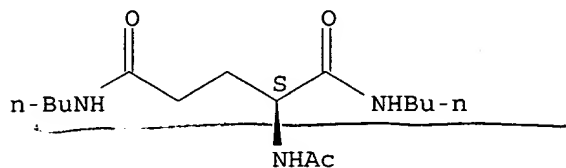


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 486455-68-9 REGISTRY
CN Pentanediamide, 2-(acetylamino)-N,N'-dibutyl-, (2S)- (9CI) (CA INDEX
NAME)
FS STEREOSEARCH
MF C15 H29 N3 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

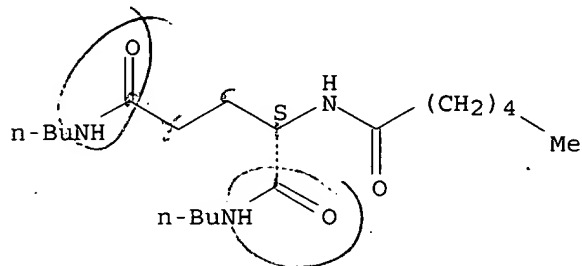


..**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 486455-69-0 REGISTRY
CN Pentanediamide, N,N'-dibutyl-2-[(1-oxohexyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C19 H37 N3 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

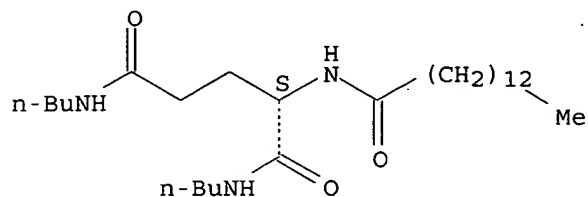


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 486455-70-3 REGISTRY
CN Pentanediamide, N,N'-dibutyl-2-[(1-oxotetradecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C27 H53 N3 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

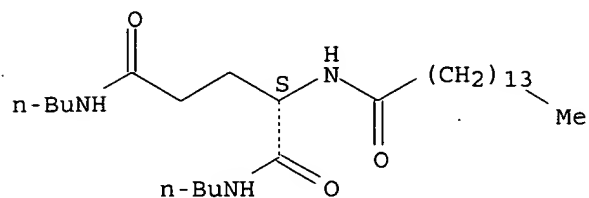


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 486455-71-4 REGISTRY
CN Pentanediamide, N,N'-dibutyl-2-[(1-oxopentadecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C28 H55 N3 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

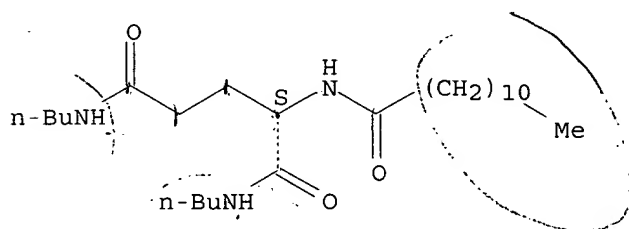


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 63663-21-8 REGISTRY
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (S)-
 OTHER NAMES:
 CN Coagulan GP 1
 CN GP 1
 CN N-Lauroyl-L-glutamic acid .alpha.,.gamma.-di-n-butylamide
 CN N-Lauroyl-L-glutamic acid .alpha.,.gamma.-dibutylamide
 CN N-Lauroyl-L-glutamic-.alpha.,.gamma.-dibutylamide
 FS STEREOSEARCH
 DR 105697-59-4
 MF C25 H49 N3 O3
 CI COM
 LC STN Files: CA, CAPLUS, CASREACT, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

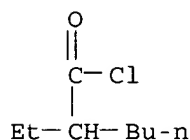
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

102 REFERENCES IN FILE CA (1937 TO DATE)
 103 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L13 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 760-67-8 REGISTRY
CN Hexanoyl chloride, 2-ethyl- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2-Ethylcaproyl chloride
CN 2-Ethylhexanoic acid chloride
CN 2-Ethylhexanoyl chloride
CN NSC 87892
FS 3D CONCORD
MF C8 H15 Cl O
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
CIN, CSCHEM, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, RTECS*,
SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

259 REFERENCES IN FILE CA (1937 TO DATE)
13 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
261 REFERENCES IN FILE CAPLUS (1937 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)